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**FACSIMILE COVER SHEET**DATE: November 26, 2003OUR REF.: RPI-112USTIME: 9:57 AMPTO REF.: U.S. Pat. Appl. No. 10/074,937

TO:	Examiner Sung H. Pak (Art Unit 2874)
COMPANY:	U.S. Patent and Trademark Office
FROM:	Kevin R. Casey, Esquire
FAX TELEPHONE:	(703) 872-9306
OFFICE TELEPHONE:	(703) 308-4880
TITLE OF DOCUMENT:	Facsimile Filing of Response to Office Action Dated August 27, 2003

Total Number of Pages: 14 (including this form)**COMMENTS**

Please deliver to Examiner Pak as soon as possible. Thank you.

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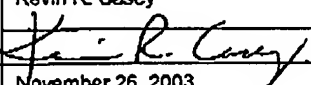
PTO/SB/21 (08-03) (AW 10/2003)

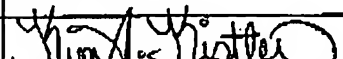
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/074,937
	Filing Date	February 12, 2002
	First Named Inventor	Yiping Zhao et al.
	Art Unit	2874
	Examiner Name	Sung H. Pak
Total Number of Pages in This Submission 13	Attorney Docket No.	RPI-112US

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):	
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual	Kevin R. Casey	Registration No. (Attorney/Agent)	32,117
Signature			
Date	November 26, 2003		

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:			
			November 26, 2003
Name (Print/Type)	Kim A. Kistler		
Signature		Date	November 26, 2003

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Application No. 10/074,937

RPI-112US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/074,937  
Applicants: Yiping Zhao et al.  
Filed: February 12, 2002  
Title: ULTRAFast ALL-OPTICAL SWITCH USING  
CARBON NANOTUBE POLYMER COMPOSITES  
TC/A.U.: 2874  
Examiner: Sung H. Pak  
Confirmation No.: 6992  
Docket No.: RPI-112US

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**RESPONSE TO OFFICE ACTION DATED AUGUST 27, 2003**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated August 27, 2003, please amend the above-identified application as follows:

- ☒ **Amendments to the Specification** begin on page 2 of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.
- ☐ **Amendments to the Drawings** begin on page \_\_\_\_\_ of this paper and include an attached replacement sheet(s).
- ☐ **Amendments to the Abstract** are on page \_\_\_\_\_ of this paper. A clean version of the Abstract is on page \_\_\_\_\_ of this paper.
- ☒ **Remarks/Arguments** begin on page 8 of this paper.